

ejer 2 seccion 2.1 grossman 2ed

BY DIEGO ALVAREZ

Hallar el determinante de la siguiente matriz

$$\det = \begin{vmatrix} -1 & 1 & 0 \\ 2 & 1 & 4 \\ 1 & 5 & 6 \end{vmatrix}$$

```
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| Sage Version 3.4, Release Date: 2009-03-11 |  
| Type notebook() for the GUI, and license() for information. |  
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```

```
Sage Version 3.4, Release Date: 2009-03-11
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```
sage] A=matrix(QQ,[[ -1,1,0],[2,1,4],[1,5,6]])
```

```
sage] A
```

$$\begin{pmatrix} -1 & 1 & 0 \\ 2 & 1 & 4 \\ 1 & 5 & 6 \end{pmatrix}$$

```
sage] A.determinant()
```

```
6
```

```
sage]
```

el determinante de la matrix dada es 6.